

ABSTRACT

DNA sequences, recombinant DNA molecules and hosts transformed with them which produce polypeptides displaying a biological or immunological activity of human fibroblast interferon, the genes coding for these polypeptides and methods of making and using these DNA sequences, molecules, hosts, genes and polypeptides. The DNA sequences are characterized by in that they code for a polypeptide displaying a biological or immunological activity of human fibroblast interferon. In appropriate hosts these DNA sequences and recombinant DNA molecules permit the production and identification of genes and polypeptides displaying a biological or immunological activity of human fibroblast interferon and their use in antiviral and antitumor or anitcancer agents.